

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-18. (cancelled)

19. (currently amended) A method of constructing a library of structurally-constrained peptides comprising synthesizing a plurality of peptides having the scaffold for β-turn display comprising a presented turn sequence flanked by two opposite strands with a defined backbone hydrogen-bonding pattern, each strand comprising at least two Trp residues at non-hydrogen-bonded positions, wherein the Trp residues form a cross-strand zipper-like motif without any disulfide bond, wherein the presented turn sequence consists of random amino acids.

20. (original) The method of claim 19, wherein the presented turn sequence comprises at least 4 amino acids.

21. (original) The method of claim 19, wherein the presented turn sequence comprises at least 6 amino acids.

22. (original) The method of claim 19, wherein each flanking strand consists of naturally occurring L-form amino acids.

23. (original) The method of claim 19, wherein each flanking strand is at least 3 amino acids in length.

24. (original) The method of claim 19, wherein each peptide comprises at least 10 amino acids.

25. (original) The method of claim 19, wherein each peptide comprises no more than 20 amino acids.

26. (original) The method of claim 25, wherein each peptide comprises about 12 amino acids.

27. (original) The method of claim 25, wherein each peptide comprises about 16 amino acids.

28. (cancelled)